

# World Scale

## User Manual



### Models

**WC30 Price Computing**

**ML-029228**

**WP30 Portion Control**

**ML-029229**



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## World Scale

### SAVE THESE INSTRUCTIONS

#### Introduction

The following topics are covered in this chapter:

- ◆ *Welcome*
- ◆ *FCC Note*
- ◆ *Verify Correctness of Weight & Price*
- ◆ *Legal for Trade Notice*
- ◆ *How to Use This Manual*

#### Welcome

Welcome to Hobart's World Scale Series, a truly portable counter scale with a wide range of capabilities:

- ◆ Stylish, compact and tough
- ◆ Remarkably affordable
- ◆ Simple touch key operation
- ◆ Wipe clean keypad with audible "beep"
- ◆ Fully automatic zero correction
- ◆ Stainless steel weighing platter
- ◆ Very fast response to weight changes
- ◆ Resolutions up to 30 lb
- ◆ 30 PLU options (WC30 only)
- ◆ Powered by six D-cell batteries
- ◆ Batteries provide up to 800 hours of continuous power
- ◆ LCD display

This manual covers two World Scale models:

WP30 Portion Control Scale  
WC30 Price Computing Scale

Where the scales differ in procedures, keystrokes, etc., the information for each scale will be separately identified.

If the information is identical for both scales, it will only be stated one time.



### ***WP30 Portion Control Scale***

The WP30 Portion Control Scale is a free-standing scale for general weighing applications, such as portion control.



### ***WC30 Price Computing Scale***

The WC30 Price Computing Scale is a free-standing scale for price totaling of weighed and non-weighed products, from candies to premium delicatessen products.

### **FCC Note**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference; in which case, the user will be required to correct the interference at his own expense.

### **Verify Correctness of Weight & Price**

Check the multiplication of price-per-pound times weight, and check the displayed weight. Weigh the same package several times to verify consistency. Keep in mind that some packages which weigh near the middle of the 0.01-lb increment will normally vary up or down by 0.01-lb. Greater variation than 0.01-lb indicates a need for adjustment of the system. In such cases, or whenever necessary, contact your authorized Hobart Service Representative.

### **Legal for Trade Notice**

The WP30 and WC30 have been tested by the National Conference of Weights and Measures (NCWM) National Type Evaluation Program (NTEP) and found to comply with the applicable requirements as published in National Institute of Standards and Technology (NIST) Handbook 44. NTEP certificate 02-071 details the evaluation. In addition, each scale used for commercial weighing may require local certification, licensing or approval. Please contact your local Weights and Measures authority to determine if your new scale requires additional certification or licensing. For more information, contact the NCWM at [www.ncwm.net](http://www.ncwm.net) or the NIST Office of Weights and Measures at 301-975-4004.



## How to Use This Manual

Hobart uses specific formats to make it easier for you to identify key selections throughout the manuals. These formats are described in the following topics:

- ◆ [\*Online Viewing\*](#)
- ◆ [\*Keystrokes and Data Entry Procedures\*](#)
- ◆ [\*Quick Steps\*](#)
- ◆ [\*World Scale Manual Overview\*](#)
- ◆ [\*Special Instructions\*](#)

### Online Viewing

If you are viewing this manual online, you have the advantage of using the cross-referencing feature that has been built into the document. All Table of Contents page numbers and certain italicized text have been made into cross-references.

For example, the text may say:

Refer to the topic, [\*Online Viewing\*](#) for further information.

If you move your mouse directly over the page number or text and your mouse cursor changes to a pointing hand, then this is a cross-reference. If you click on this text, you will be taken to that point in the document.

You can then use the back arrow on the top of your screen to take you back to your starting point.

### Keystrokes and Data Entry Procedures

This manual will use the following methods to explain keystrokes and data entry procedures:

- ◆ The word PRESS means to press a key on the Control Panel.
  - A Short PRESS means to press a key and release quickly. You will hear one beep.
  - A Long PRESS means to press a key and hold it long enough to hear a second beep.
- ◆ The word TYPE means to Short PRESS one or more keys on the Control Panel (WC30 only).
- ◆ Words in uppercase enclosed in brackets (for example [SAVE]) represent specific keys.

### Quick Steps

Quick Steps are a handy reference once you have become familiar with the World Scale and just need a “refresher” on how to perform a procedure.

#### ***QUICK STEPS - [Procedure Name]***

1. PRESS [SAVE]
2. TYPE a PLU.....

They will be in a gray box like the one to the left and will be a condensed version of the detailed steps. When you need to find a procedure quickly, look in the [Index](#) under *Quick Steps* for the one you want.

### World Scale Manual Overview

Refer to the following chapters for information about the World Scale.

- ◆ [Chapter Two: Getting Started](#) explains the features of the World Scale, including mechanical functions and gives you the steps to set up your World Scale, including electrical specifications.
- ◆ [Chapter Three: Using the World Scale](#) details the procedures and functions available for scale operation.
- ◆ [Chapter Four: Supervisor Mode](#) explains how to navigate **Supervisor** mode and make changes to your World Scale configuration.
- ◆ [Chapter Five: Maintenance](#) describes how to properly clean and maintain your scale. It also identifies actions and solutions for common mistakes and problems.
- ◆ The [Glossary](#) provides definitions of some common terms used throughout the manual.
- ◆ The [Index](#) provides an alphabetical listing of the topics in this manual and their corresponding page numbers.

**Special Instructions**

This Hobart manual uses Special Instructions to call your attention to certain information that you need to know.

The following Special Instructions are used in the manual:

**Note**

A Note is information that you need to know, but it is not an actual step in the procedures.

**Tip**

A Tip is additional information that may be useful when you are using the system.

**Look At This**

Look At This is information to alert you that you may be doing something that will permanently alter your system.



## Chapter Two: Getting Started

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### Getting Started

The following topics are covered in this chapter:

- ◆ *Understanding the World Scale*
- ◆ *Mechanical Procedures*
- ◆ *Installation and Setup*

### Understanding the World Scale

The following topics are explained:

- ◆ *Features*
- ◆ *The Console*

### Features

The World Scale is a durable, compact weighing device. Two digital displays show the Weight, Unit Price and Total Price to the Operator and Customer at the same time. The scale can calculate the value of either By Weight or By Count items and can accumulate the Total Price for multiple items.

The following features are explained below:

- ◆ *Power Source*
- ◆ *PLU Options*
- ◆ *Capacity*

#### Power Source

Powered by six D-cell batteries, the World Scale gives you the power to use your scale in most trading situations.

#### PLU Options

The World Scale (WC30 only) offers 30 PLUs as standard – including seven SpeedKeys which may be used with a “quick-set” feature for top-selling items. These seven Speedkeys may be user-defined. All 30 PLUs may be password-protected if set up in *Supervisor* mode.

#### Capacity

The World Scale comes configured from the factory as a 30-lb x 0.005 resolution scale. For other capacities and resolutions that can be configured, contact your local Hobart Representative.

The Console

- The Console consists of:
- ◆ *The Level Indicator*
  - ◆ *The Operator Display*
  - ◆ *The Status Display*
  - ◆ *The Keypad*

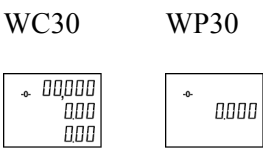
The Level Indicator

On the left side of the Console is a Level Indicator. When the bubble inside is directly in the center of the circle, the scale is level. Refer to *Leveling the Scale* in this chapter.



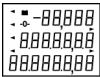
The Operator Display

The *Operator Display* Screen is where you will see the results of the action you have performed with the scale. For example, if you have placed a product on the scale, the weight will be shown.



The Status Display

The *Status Display* Screen appears when you PRESS the Display Test key. This screen is where you confirm the display is actually working correctly.



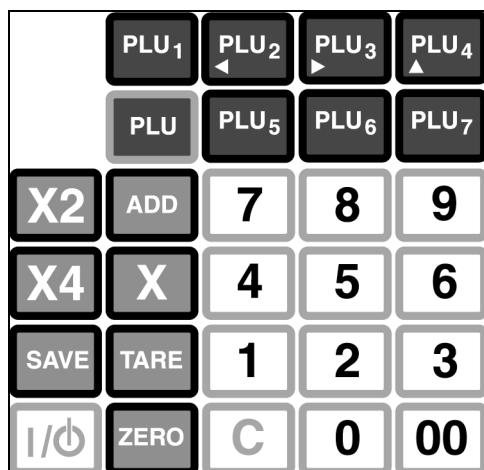
## The Keypad

Refer to the [Table of Key Names and Descriptions](#) on the following page for descriptions of the keys shown below.

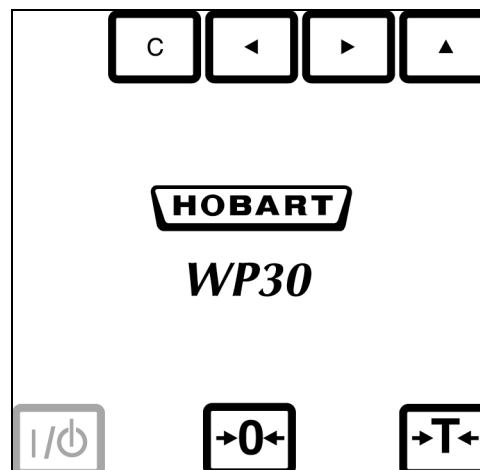
Be sure to refer to your scale's Keypad:

- ♦ [WC30 Price Computing Scale Keypad](#)
- ♦ [WP30 Portion Control Scale Keypad](#)

### **WC30 Price Computing Scale Keypad**



### **WP30 Portion Control Scale Keypad**





### Table of Key Names and Descriptions

The table below corresponds to the Keypad layouts on the previous page. Refer to the [WC30 Price Computing Scale Keypad](#) and [WP30 Portion Control Scale Keypad](#) for identification.

Wherever the Keypad Symbol is different, the WC30 is shown first.

WC30	WP30	Key Name	Keypad Symbol	Function
Yes	Yes	Display Test		Enables you to test the display to check if parts of the LCD are working correctly. Also enables you to communicate with the World Scale.
Yes	Yes	Zero	[ZERO] or [→0←]	Enables you to Rezero the scale.
Yes	Yes	Tare	[TARE] or [→T←]	Enables you to enter Tare information.
Yes	No	Quarter Pound	[X4]	Enables you to calculate prices by the quarter pound.
Yes	No	Half Pound	[X2]	Enables you to calculate prices by the half pound.
Yes	No	Numeric Keypad		Enables you to enter numeric data.
Yes	Yes	Clear	[C]	Enables you to clear an entry:  To clear the last number entered, Short PRESS the [C] key.  To clear the entire entry, Long PRESS the [C] key.
Yes	No	PLU (blue)	[PLU]	Enables you to assign a Unit Price to a PLU.
Yes	No	PLU 1 - 7 (white)	[PLU <sub>1</sub> ], [PLU <sub>2</sub> ], etc.	Enables you to store the Unit Price assigned above.
Yes	No	Save	SAVE	Enables you to retain or remove prices or tares.
Yes	No	Add	ADD	Enables you to accumulate a total.
Yes	Yes	Right Arrow	[▶]	Enables you to go to the next branch in <b>Supervisor</b> mode.
Yes	Yes	Left Arrow	[◀]	Enables you to go to the previous branch in <b>Supervisor</b> mode.
Yes	Yes	Up Arrow	[▲]	Enables you to increment a value in <b>Supervisor</b> mode.
Yes	No	Multiplier	[X]	Enables you to multiply By Count items of the same price (i.e., four candy bars at \$1.49 a piece).

## Mechanical Procedures

You will need to familiarize yourself with the following Mechanical Procedures in your World Scale:

- ◆ *Short PRESS/Long PRESS (Beeps)*
- ◆ *Sleep/Wake Modes*

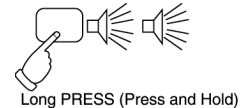
### Short PRESS/Long PRESS (Beeps)

The World Scale requires two types of touch when pressing certain keys on the Console:

Short PRESS = PRESS and release. You will hear one beep.

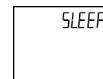


Long PRESS = PRESS and hold until you hear a second beep.



### Sleep/Wake Modes

Use *Sleep* mode when the scale will be inactive for an extended period of time. This conserves the life of the batteries.



### Note

If you have a Tare in the scale's memory and the scale goes into *Sleep* mode, the Tare will be lost. You have the ability to change the duration of the sleep timeout in [Chapter Four: Supervisor Mode](#).

#### QUICK STEPS - Sleep/Wake Modes

*Sleep* mode:

1. Long PRESS Display Test key
2. SLEEP displays on screen

*Wake* mode:

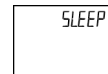
1. Short PRESS Display Test key
2. *Status Display* Screen appears
3. Operator Display Screen appears

To select *Sleep* mode:

1. Long PRESS the Display Test key.

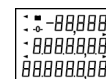


2. The word SLEEP will display on the screen.

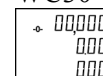


To select **Wake** mode:

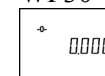
1. Short PRESS the Display Test key.
2. The **Status Display** Screen will appear.
3. The **Operator Display** Screen will appear, showing all zeroes.



WC30



WP30



## Installation and Setup

The following topics are covered:

- ◆ [Setting Up the Scale](#)
- ◆ [Electrical Connections](#)
- ◆ [Zero Weight](#)

## Setting Up the Scale

Immediately after unpacking, check for possible shipping damage. If this unit is damaged, save the packaging material and contact the carrier within 15 days of delivery.

The following subtopics are explained:

- ◆ [Guidelines](#)
- ◆ [Leveling the Scale](#)

## Guidelines

Remember these for your World Scale.

Do	Don't
<u>DO</u> make sure that the work surface is firm and steady.	<u>DON'T</u> lift the scale by the weighing platter
<u>DO</u> avoid direct sunlight.	<u>DON'T</u> jar the weighing platter or drop objects on it.
<u>DO</u> avoid locations with vibration.	
<u>DO</u> avoid drafty locations.	

### Leveling the Scale

On the left side of the Console is a Level Indicator. When the bubble inside is directly in the center of the circle, the scale is level. There are four Scale Feet located underneath the scale system. You may need to adjust these feet slightly in the event the scale is not sitting properly. Proper adjustment of these feet helps you maintain the scale's balance and is required when using the scale as Legal for Trade.

#### **QUICK STEPS -** **Leveling the Scale**

1. Locate Level Indicator
2. Adjust Scale Feet till bubble is centered

To level the scale:

1. Locate the Level Indicator on the left side of the Console.
2. Adjust the Scale Feet by turning clockwise or counterclockwise as necessary until the bubble is in the middle of the Level Indicator.



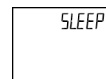
### Electrical Connections

The World Scale comes standard with a Battery Pack, which uses six D-cell batteries.



#### **Tip**

- When the Battery Symbol flashes on the display, you must replace the batteries.
- When not using the World Scale for a length of time, it is best to place the World Scale in **Sleep** mode to extend the life of the batteries. See [Sleep/Wake Modes](#) in this chapter.



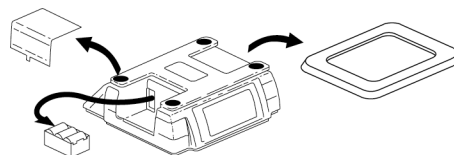
## Installing the Battery Pack

### **QUICK STEPS -** **Installing the Battery Pack**

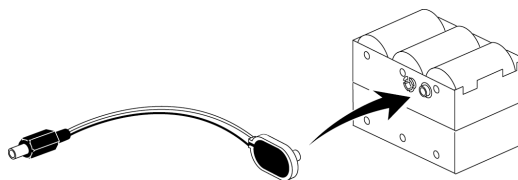
1. Remove Weighing Platter
2. Open Battery Access Cover
3. Remove Battery Pack
4. Insert Batteries
5. Attach Battery Connector to Battery Pack
6. Insert Power Jack into Mating Connector
7. Replace Battery Pack
8. Replace Battery Access Cover
9. Replace Weighing Platter

To install the Battery Pack:

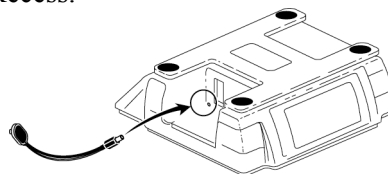
1. Remove the Weighing Platter.
2. Open the Battery Access Cover by pressing slightly and pulling upward.



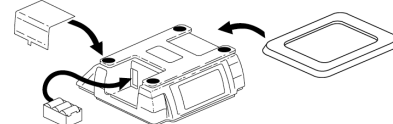
3. Remove the Battery Pack.
4. Insert six D-cell Batteries into the Battery Pack. Be sure to observe the polarity on the Battery Pack.
5. Securely attach the Battery Connector to the Battery Pack.



6. Insert the Power Jack into the Mating Connector at the back of the Battery Recept.



7. Replace the Battery Pack in the Battery Recept.
8. Replace the Battery Access Cover.
9. Replace the Weighing Platter.



## Zero Weight

Make sure that the scale is at zero before weighing any product by *Rezeroing the Scale*. Remember, if you have a Tare in the scale's memory, you will see the Tare amount as a negative number instead of zero.



### Tip

Look for the Zero Indicator ( $\rightarrow 0 \leftarrow$ ) on the upper left side of the *Operator Display* Screen. If it is not present, then Rezero the scale.

## Rezeroing the Scale

If you find the scale is not at zero and it is not due to a Tare amount, then you must Rezero the scale.

### **QUICK STEPS -** *Rezero the Scale*

1. Remove items from Weighing Platter
2. Cancel Tare, if needed
3. Short PRESS  
[ZERO ( $\rightarrow 0 \leftarrow$ )] key

To Rezero the scale:

1. Remove any item(s) from the Weighing Platter.



2. Cancel any Tare, if necessary, by pressing the Tare key.

WC30

WP30



3. Short PRESS the [ZERO ( $\rightarrow 0 \leftarrow$ )] key.

WC30

WP30



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### Using the World Scale

Be sure to follow the instructions for your scale model.

- ◆ *Portion Control Scale WP30*
- ◆ *Price Computing Scale WC30*

### Portion Control Scale WP30

Your WP30 Portion Control Scale has the following functions:

- ◆ *Basic Weighing (WP30)*
- ◆ *Using Tare (WP30)*



### Look At This

If this World Scale is to be used to weigh products for sale, approval by your local Weights and Measures Inspector is required before use.



### Note

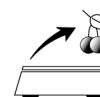
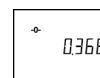
Make sure the scale is at zero before weighing any product.

### Basic Weighing (WP30)

If you need to account for Tare on a package, follow the steps in the next topic, *Using Tare (WP30)*.

To use your WP30:

1. Place the product on the scale.
2. The weight will appear on the ***Operator Display*** Screen.
3. Remove the product from the scale.





## Using Tare (WP30)

You have the following options available on your WP30 Portion Control Scale:

- ◆ *Platter Tare (WP30)*
- ◆ *Cumulative Tare (WP30)*
- ◆ *Cancelling a Tare (WP30)*



### Note

- The Tare is retained until you cancel it.
- If you have a Tare in the scale's memory and the scale goes into ***Sleep*** mode, the Tare will be lost.
- When you have a Tare in the World Scale's memory, you will see a left arrow ( ◀ ) on the left side of the ***Operator Display*** Screen, next to the word "net".

## Platter Tare (WP30)

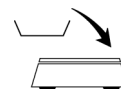
Platter Tare is used when you are planning to weigh one product, one time.

### QUICK STEPS - Platter Tare (WP30)

1. Place empty container on scale
2. Short PRESS [→T←]
3. Place product into container
4. Net Weight displays
5. Remove product and container
6. Cancel Tare, if needed

To use Platter Tare:

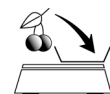
1. Place the empty container onto the scale.



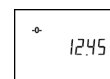
2. Short PRESS the [→T←] key.



3. Place the product into the empty container.



4. Net Weight will be displayed.



5. Remove the product and the container from the scale.



6. Cancel the Tare, if necessary.



## Cumulative Tare (WP30)

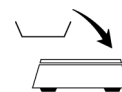
Use Cumulative Tare when you are weighing multiple products to be packaged together, such as a raw vegetable medley.

### **QUICK STEPS -** **Cumulative Tare (WP30)**

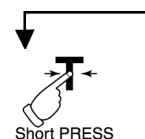
1. Place empty container on scale
2. Short PRESS [ $\rightarrow$ T $\leftarrow$ ]
3. Place product into container
4. Net Weight displays
5. Leave container and product on scale
6. Repeat Steps 2-5 till finished
7. Remove product and container
8. Cancel Tare, if needed

To use Cumulative Tare:

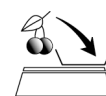
1. Place the empty container onto the scale.



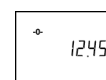
2. Short PRESS the [ $\rightarrow$ T $\leftarrow$ ] key.



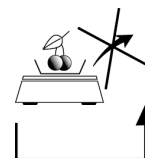
3. Place a product into the empty container.



4. Net Weight will be displayed.

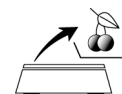


5. Leave the container and product on the scale.



6. Repeat Steps 2 through 5 until all products have been included in the weight.

7. Remove the product(s) and container.



8. Cancel the Tare, if necessary.



## Cancelling a Tare (WP30)

If you have retained a Tare, you must cancel it (or it will automatically cancel if the scale goes into **Sleep** mode).

### **QUICK STEPS -** **Cancelling a Tare (WP30)**

Short PRESS [ $\rightarrow$ T $\leftarrow$ ]

To cancel a Tare:

Short PRESS the [ $\rightarrow$ T $\leftarrow$ ] key.



## Price Computing Scale WC30

There are several options available when weighing a product. Review the following sections for explanation:

- ◆ *Basic Weighing (WC30)*
- ◆ *Using Prices (WC30)*
- ◆ *Using Tare (WC30)*
- ◆ *Using the Add and Multiplier Keys (WC30)*
- ◆ *Programming PLU Speedkeys (WC30)*
- ◆ *Using the PLU Speedkeys (WC30)*
- ◆ *Using PLUs 8-30 (WC30)*
- ◆ *Using the Half- and Quarter-Pound Keys (X2/X4) (WC30)*



### Look At This

If this World Scale is to be used to weigh products for sale, approval by your local Weights and Measures Inspector is required before use.

## Basic Weighing (WC30)

To weigh without a Unit Price, simply place the product on the scale. The weight will be displayed. To include a Unit Price, follow the steps under *Using Prices (WC30)*. To include a Tare, follow the steps under *Using Tare (WC30)*.

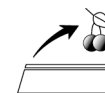
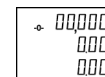


### Note

Make sure the scale is at zero before weighing any product.

To use your WC30:

1. Place the product on the scale.
2. The weight will appear on the **Operator Display** Screen.
3. Remove the product from the scale.



Using Prices (WC30)

Your WC30 Price Computing Scale has the ability to weigh an item with a price. You can perform the following tasks:

- ◆ [Weighing With a Unit Price \(WC30\)](#)
- ◆ [Retaining a Unit Price \(WC30\)](#)
- ◆ [Cancelling a Unit Price \(WC30\)](#)

You can also use a Unit Price in conjunction with a Tare. Refer to the next topic, [Using Tare \(WC30\)](#), for an explanation.

Weighing With a Unit Price (WC30)

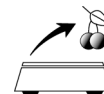
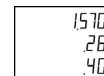
With the WC30, you may enter a Unit Price, which will allow you to see a Total Price without having to do manual calculation.

**QUICK STEPS -**  
*Weighing With a Unit Price (WC30)*

1. Place product on scale
2. TYPE Unit Price
3. Weight, Unit Price and Total Price display
4. Remove product

To weigh with a Unit Price:

1. Place the product onto the scale.
2. TYPE the Unit Price using a Short PRESS on the Keypad.
3. The screen will display Weight, Unit Price and Total Price.
4. Remove the product from the scale. The Unit Price will be automatically cancelled when the scale returns to zero.



Retaining a Unit Price (WC30)

Your WC30 Price Computing Scale has the ability to retain a Unit Price so you can weigh multiple packages of the same price. See also the next topic, [Cancelling a Unit Price \(WC30\)](#).



**Note**

This option explains how to retain a Unit Price without a Tare. To retain a Unit Price with Tare, see [Retaining a Tare \(WC30\)](#) later in this chapter.



## Tip

When you have a Unit Price in the scale's memory, you will see a LEFT ARROW ( ◀ ) on the *Operator Display* Screen next to the word "save".

### QUICK STEPS -

#### Retaining a Unit Price (WC30)

1. Short PRESS the [SAVE] key
2. TYPE Unit Price
3. Place product on scale
4. Net Weight, Unit Price and Total Price display
5. Remove product from scale
6. Repeat Steps 3-5 till finished
7. Cancel Unit Price, if needed

To retain a Unit Price (without Tare):

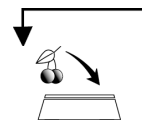
1. Short PRESS the [SAVE] key.



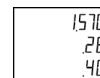
2. TYPE the Unit Price using a Short PRESS on the Keypad.



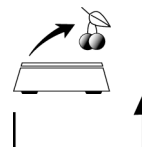
3. Place the product onto the scale.



4. The screen will display Net Weight, Unit Price and Total Price.



5. Remove the product from the scale.



6. Repeat Steps 3 through 5 until all products have been weighed.

7. Cancel the Unit Price, if necessary. 1. See [Cancelling a Unit Price \(WC30\)](#) below.



### Cancelling a Unit Price (WC30)

If you have retained a Unit Price, then you must cancel it.

To cancel a Unit Price:

1. Long PRESS the [C] key.



2. Short PRESS the [SAVE] key.



### QUICK STEPS -

#### Cancelling a Unit Price (WC30)

1. Long PRESS [C]
2. Short PRESS [SAVE]

## Using Tare (WC30)

You have the following options available on your WC30 Price Computing Scale:

- ◆ *Platter Tare (WC30)*
- ◆ *Cumulative Tare (WC30)*
- ◆ *Retaining a Tare (WC30)*
- ◆ *Cancelling a Retained Tare (WC30)*
- ◆ *Keypad-Entered Tare (WC30)*



## Note

- If you have a Tare in the scale's memory and the scale goes into **Sleep** mode, the Tare will be lost.
- When you have a Tare in the World Scale's memory, you will see a left arrow ( ◀ ) on the left side of the **Operator Display** Screen, next to the word "net".

## Platter Tare (WC30)

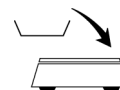
Use Platter Tare when you are weighing one type of product, one time.

### QUICK STEPS - Platter Tare (WC30)

1. Place empty container on scale
2. Short PRESS [TARE]
3. Place product into container
4. TYPE Unit Price
5. Net Weight, Unit Price and Total Price display
6. Remove product and container

To use Platter Tare:

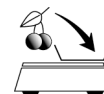
1. Place the empty container onto the scale.



2. Short PRESS the [TARE] key.



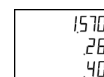
3. Place the product into the empty container on the scale.



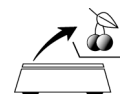
4. TYPE the Unit Price using a Short PRESS on the Keypad.



5. The screen will display Net Weight, Unit Price and Total Price.



6. Remove the product and container from the scale.



## Cumulative Tare (WC30)

Use Cumulative Tare when you are adding different products to one package to get a Total Price, such as a container of assorted cheeses.



### Note

The Total Price is retained until you cancel it.

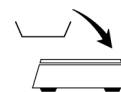
#### QUICK STEPS -

#### Cumulative Tare (WC30)

1. Place empty container on scale
2. Short PRESS [TARE]
3. Place product into container
4. TYPE Unit Price
5. Short PRESS [ADD]
6. Keep product and container on scale
7. Repeat Steps 3-6 till finished
8. Remove products and container
9. Short PRESS [ADD]
10. Cancel Total Price

To use Cumulative Tare:

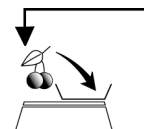
1. Place the empty container onto the scale.



2. Short PRESS the [TARE] key.



3. Place the product into the container.



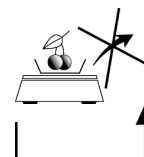
4. TYPE the Unit Price using a Short PRESS on the Keypad.



5. Short PRESS the [ADD] key.

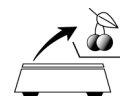


6. Keep the product and container on the scale.



7. Repeat Steps 3 through 6 until all products have been weighed.

8. Remove the products and container.



9. Short PRESS the [ADD] key again to view the Total Price.



10. Cancel the Total Price. See [Cancelling a Total Price \(WC30\)](#) later in this chapter.

1.



2.



## Retaining a Tare (WC30)

You would want to retain a Tare when you are weighing many packages of the same type product, with the same packaging (i.e., the Tare is always the same amount).



### Note

- The Tare is retained until you cancel it.
- The Total Price is retained until you cancel it.
- The Unit Price is retained, so you only need to enter it if it is not the same as what is in the scale's memory.

### QUICK STEPS - Retaining a Tare (WC30)

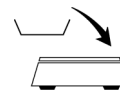
1. Short PRESS [SAVE]
2. Place empty container onto scale
3. Short PRESS [TARE]
4. Place product into container
5. TYPE Unit Price, if needed
6. Remove product and container
7. Repeat Steps 4-6 till finished
8. Remove last product and container
9. Cancel Tare, if needed
10. Cancel Unit Price

To retain a Tare while weighing:

1. Short PRESS the [SAVE] key.



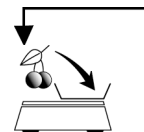
2. Place the empty container onto the scale.



3. Short PRESS the [TARE] key.



4. Place a product into the container.

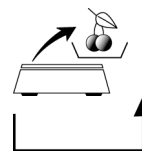




5. TYPE the Unit Price (if different) using a Short PRESS on the Keypad.



6. Remove the product and the container.



7. Repeat Steps 4 through 6 until all packages have been weighed.

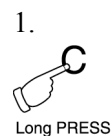


8. Remove the last product and container.

9. Cancel the Tare, if necessary. See 1. *Cancelling a Retained Tare (WC 30)* later in this chapter.



10. Cancel the Unit Price. See 1. *Cancelling a Unit Price (WC 30)* in this chapter.



## Cancelling a Retained Tare (WC30)

If you have retained a Tare, then you must cancel it.

### QUICK STEPS - Cancelling a Retained Tare (WC30)

Short PRESS [TARE]

To cancel a Retained Tare:

Short PRESS the [TARE] key.



## Keypad-Entered Tare (WC30)

Use the Keypad to enter the Tare amount to the World Scale when you are weighing a prepackaged product.

### QUICK STEPS -

#### Keypad-Entered Tare (WC30)

1. TYPE Tare value
2. Short PRESS [TARE]
3. Place product on scale
4. TYPE Unit Price
5. Net Weight, Unit Price and Total Price display
6. Remove product from scale
7. Cancel Tare, if needed

To use the Keypad to enter Tare:

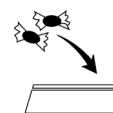
1. TYPE the Tare value using a Short PRESS on the Keypad.



2. Short PRESS the [TARE] key.



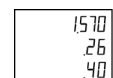
3. Place the prepackaged product on the scale.



4. TYPE the Unit Price using a Short PRESS on the Keypad.



5. The screen will display Net Weight, Unit Price and Total Price.



6. Remove the product from the scale.



7. Cancel the Tare, if necessary.



## Using the Add and Multiplier Keys (WC30)

The Add key gives you the ability to accumulate the Total Price for more than one package, with or without a weight, of different products. The following topics are included:

- ◆ [Adding Items \(WC30\)](#)
- ◆ [Multiplying By Count Items \(WC30\)](#)
- ◆ [Cancelling a Total Price \(WC30\)](#)

## Adding Items (WC30)

You may accumulate the Total Price of several items, weighed or not weighed. For example, a customer may purchase caramel candy by the pound and a prepackaged chocolate bar. You would place the caramel candy on the scale but just enter the price of the candy bar. The World Scale will accumulate the Total Price.



### Note

The Total Price is retained until you cancel it.

#### **QUICK STEPS -** **Adding Items (WC30)**

1. Place product onto scale  
**--OR--**  
Do NOT place on scale
2. TYPE Unit Price
3. Short PRESS [ADD]
4. Remove product, if needed
5. Repeat Steps 1-4 till finished
6. Short PRESS [ADD] again for Total Price
7. Number of items, and Total Price display
8. Cancel Total Price, if needed

To add items:

1. Place the product onto the scale

**--OR--**

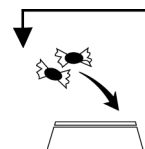
Do NOT place the product onto the scale.

2. TYPE the Unit Price using a Short PRESS on the Keypad.

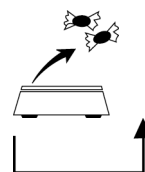
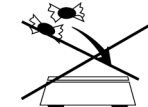
3. Short PRESS the [ADD] key.

4. If you placed a product on the scale, remove it now.

5. Repeat Steps 1 through 4 until all products have been added.



**--OR--**



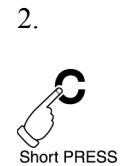
6. To view the Total Price, Short PRESS the [ADD] key.



7. The screen will display the number of items and Total Price.



8. Cancel the Total Price, if necessary. See [Cancelling a Total Price \(WC30\)](#) in this chapter.



## Multiplying By Count Items (WC30)

Use the Multiplier Key [X] to calculate the Total Price of multiple packages. For example, the customer buys six candy bars for \$1.00 each and three boxes of crackers for \$2.00 each.



### Note

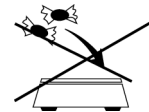
The maximum quantity (number of items) you can enter is 99.

### QUICK STEPS - Multiplying By Count Items (WC30)

1. Do NOT place product on scale
2. TYPE Unit Price
3. Short PRESS [X]
4. TYPE number of items
5. Short PRESS [ADD]
6. Repeat Steps 1-5 till finished
7. Short PRESS [ADD] again for Total
8. Number of items and Total Price display
9. Cancel Total Price, if needed

To multiply By Count items:

1. Do NOT place the product onto the scale.



2. TYPE the Unit Price using a Short PRESS on the Keypad.



3. Short PRESS the [X] key.



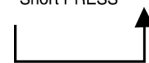
4. TYPE the number of items using a Short PRESS on the Keypad.



5. Short PRESS the [ADD] key.



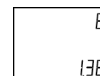
6. Repeat Steps 1 through 5 until all items have been entered.



7. To view the Total Price, Short PRESS the [ADD] key.



8. The screen will display the number of items and Total Price.



9. Cancel the Total Price, if necessary. See *Cancelling a Total Price (WC30)* below.

1.



2.



### **Cancelling a Total Price (WC30)**

If you have used the [ADD] key to accumulate a Total Price, then you must cancel the Total Price.

#### ***QUICK STEPS - Cancelling a Total Price (WC30)***

1. Short PRESS [ADD] key
2. Short PRESS [C] key

To cancel a Total Price:

1. Short PRESS the [ADD] key.
2. Short PRESS the [C] key.



## Programming PLU Speedkeys in Operator Mode (WC30)

Speedkeys allow you to quickly access your fastest selling items with minimal keystrokes. They are set up so that one press results in several actions.

Speedkeys 1 through 7 are visible on the Console. These can be programmed in **Operator** mode, if they have not already been set up in **Supervisor** mode.

The following topics are discussed:

- ◆ [Assigning a PLU Speedkey \(1-7\) for a Random Weight Product \(WC30\)](#)
- ◆ [Assigning a PLU Speedkey \(1-7\) for a By Count Product \(WC30\)](#)

### Assigning a PLU Speedkey (1-7) for a Random Weight Product (WC30)

This function is helpful to minimize key presses on fast-selling Random Weight items.



#### Note

- You will not be able to program a PLU Speedkey if it has already been changed in **Supervisor** mode.
- To program PLU Speedkeys 8 through 30, refer to [Chapter Four: Supervisor Mode](#).

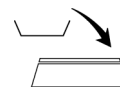
#### QUICK STEPS - Assigning a PLU Speedkey (1-7) for a Random Weight Product (WC30)

1. Assign Tare (if required)
  - a) Place container on scale
  - OR--  
TYPE Tare value
  - b) Short PRESS [TARE]
2. Assign Unit Price (if required)
  - a) TYPE Unit Price
  - b) Long PRESS chosen PLU key
3. Remove container
4. Short PRESS [C], if needed
5. Short PRESS [TARE]

To assign a PLU Speedkey (1-7) for a Random Weight Product:

1. Assign a Tare to the PLU (if required). When assigning Tare, you can either use a container or enter the value.

- a) Place the container on the scale



--OR--

TYPE the Tare value using a Short PRESS on the Keypad.



- b) Short PRESS the [TARE] key.



2. Assign a Unit Price to the PLU (if required).

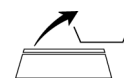
a) TYPE the Unit Price using a Short PRESS on the Keypad.



b) Long PRESS the PLU key you have selected to be for Random Weight Product (for example, the [PLU<sub>7</sub>] key).



3. Remove the container.



4. Short PRESS the [C] key to clear the Unit Price, if necessary.



5. Short PRESS the TARE key to clear any Tare.



### Assigning a PLU Speedkey (1-7) for a By Count Product (WC30)

This function is helpful to minimize key presses on fast-selling By Count items.



### Note

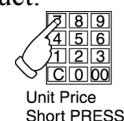
- You will not be able to program a PLU Speedkey if it has already been changed in **Supervisor** mode.
- To program PLU Speedkeys 8 through 30, refer to [Chapter Four: Supervisor Mode](#).

### QUICK STEPS - Assigning a PLU Speedkey (1-7) for a By Count Product (WC30)

1. TYPE Unit Price
2. Short PRESS [X]
3. Long PRESS chosen PLU key
4. Short PRESS [C], if needed

To assign a PLU Speedkey (1-7) for a By Count Product:

1. TYPE the Unit Price using a Short PRESS on the Keypad.



2. Short PRESS the [X] key.



3. Long PRESS the PLU key you have selected to be for By Count Product (for example, the [PLU<sub>7</sub>] key).



4. Short PRESS the [C] key to clear the Unit Price, if necessary.



## Using the PLU Speedkeys (WC30)

After you have programmed the PLU Speedkeys, you will find it most convenient to use this feature. No longer will you have to repeatedly key in the Unit Price or Tare for your top-selling Random Weight or By Count items.

Select from the following topics:

- ◆ [Using PLU Speedkeys 1-7 for Random Weight Products \(WC30\)](#)
- ◆ [Using PLU Speedkeys 1-7 for By Count Products \(WC30\)](#)



### Note

You must program the PLU Speedkeys before proceeding with the steps below. Refer to [Programming PLU Speedkeys \(WC30\)](#) in this chapter.

## Using PLU Speedkeys 1-7 for Random Weight Products (WC30)

To use a PLU Speedkey you previously set up for Random Weight Products:

### QUICK STEPS - Using PLU Speedkeys 1-7 for Random Weight Products (WC30)

1. Short PRESS Speedkey (PLU already programmed)
2. Place product on scale
3. Net Weight, Unit Price and Total Price display
4. Remove product from scale

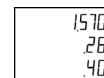
1. Short PRESS the PLU Speedkey which you have previously set up (for example, the [PLU<sub>2</sub>] key).



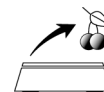
2. Place the product on the scale.



3. The screen will display Net Weight, Unit Price and Total Price.



4. Remove the product from the scale.





## Using PLU Speedkeys 1-7 for By Count Products (WC30)

Once you have set up your PLU Speedkeys, you will find them quite useful for your fastest-selling By Count products.



### Note

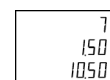
You must program the PLU Speedkeys before proceeding with the steps below. Refer to [Programming PLU Speedkeys \(WC30\)](#) in this chapter.

#### **QUICK STEPS -** *Using PLU Speedkeys 1-7 for By Count Products (WC30)*

1. Short PRESS Speedkey (PLU already programmed)
2. Short PRESS [X]
3. TYPE number of items
4. Number of items, Unit Price and Total Price display

To use a PLU Speedkey you previously set up for By Count Items:

1. Short PRESS the PLU Speedkey which you have previously set up (for example, the [PLU<sub>2</sub>] key).
2. Short PRESS the [X] key.
3. TYPE the number of items using a Short PRESS on the Keypad.
4. The screen will display number of items, Unit Price and Total Price.



## Using PLUs 8-30 (WC30)

The rest of your PLU keys (8 through 30) are in the World Scale's memory and are accessible by the blue PLU key on the Console. Once these PLUs have been programmed through **Supervisor** mode, you will find it most convenient to use this feature. As with Speedkeys 1 through 7, you now can easily work with your top-selling items.



### Note

- You will not be able to use these PLUs unless they have been set up in **Supervisor** mode.
- To program PLUs 8 through 30, refer to [Chapter Four: Supervisor Mode](#).

### QUICK STEPS - Using PLUs 8-30 (WC30)

- Short PRESS [PLU] key
- Short PRESS 1<sup>st</sup> digit of PLU Speedkey number
- Short PRESS 2<sup>nd</sup> digit of PLU Speedkey number, if needed  
**--OR--**  
Short PRESS [PLU] (8 or 9)
- Place product on scale
- Net Weight, Unit Price and Total Price display
- Remove product from scale

To use PLUs 8 through 30:

- Short PRESS the blue [PLU] key.



- Short PRESS the first digit of the PLU Speedkey number.



- If you are entering a two-digit PLU Speedkey number, such as 12, Short PRESS the second digit of the PLU Speedkey number



**--OR--**

**--OR--**

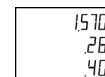
If you are entering a single-digit PLU Speedkey number, (PLU 8 or 9), Short PRESS the [PLU] key.



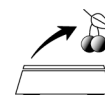
- Place the product on the scale.



- The screen will display Net Weight, Unit Price and Total Price.



- Remove the product from the scale.



## Using the Half- and Quarter-Pound Keys (X2/X4) (WC30)

For items that are normally purchased in small quantities, such as caviar or fudge, the World Scale offers two keys to quickly calculate a price per half- or quarter-pound.



### Note

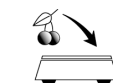
You may be required to disable the Half- and Quarter-pound keys, when using your World Scale for commercial trade, due to local Weights and Measures regulations.

#### **QUICK STEPS -** **Using X2/X4 Keys (WC30)**

1. Place product on scale
2. TYPE Unit Price
3. Short PRESS [X2]  
**--OR--**  
Short PRESS [X4]
4. Net Weight, Unit Price and Total Price display
5. Remove product from scale

To use the Half- and Quarter-pound keys:

1. Place the product on the scale.
2. TYPE the Unit Price using a Short PRESS on the Keypad.
3. Short PRESS the [X2] key for half-pound pricing



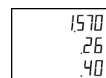
**--OR--**

Short PRESS the [X4] key for quarter-pound pricing.

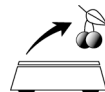
**--OR--**



4. The screen will display Net Weight, Unit Price and Total Price.



5. Remove the product from the scale.





---

## Chapter Four: Supervisor Mode

UNDERSTANDING SUPERVISOR MODE .....	4-2
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## Supervisor Mode

The following topics are explained in this chapter:

- ◆ [Understanding Supervisor Mode](#)
- ◆ [Entering and Exiting Supervisor Mode](#)
- ◆ [Navigating Supervisor Mode](#)

## Understanding Supervisor Mode

**Supervisor** mode is designed to help you set up Supervisor functions for your World Scale as easily as possible. It is where you perform programming and setup to tailor your World Scale to suit your operation. To enter **Supervisor** mode requires an Access Code (WC30 only), so you can limit the access as needed.

When [Entering and Exiting Supervisor Mode](#), be sure to follow the steps for your type of World Scale.

Once you have entered **Supervisor** mode, you must use [Function Keys](#) and [Function Codes](#) to navigate your way. These are explained in the topic [Navigating Supervisor Mode](#) later in this chapter.

## Entering and Exiting Supervisor Mode

Be sure to follow the steps for your type of World Scale:

- ◆ [Entering Supervisor Mode \(WP30\)](#)
- ◆ [Exiting Supervisor Mode \(WP30\)](#)
- ◆ [Entering Supervisor Mode \(WC30\)](#)
- ◆ [Exiting Supervisor Mode \(WC30\)](#)

### Entering Supervisor Mode (WP30)

To access **Supervisor** mode for the WP30 Portion Control Scale, perform the following steps:

#### QUICK STEPS -

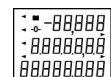
#### Entering Supervisor Mode (WP30)

1. Short PRESS Display Test key
2. **Status Display** Screen appears
3. Short PRESS [C]
4. Initial **Supervisor** Screen appears
5. Use Function Keys/Codes from here on

1. Short PRESS the Display Test key.



2. The **Status Display** Screen will appear.



3. Short PRESS the [C] key as soon as the **Status Display** Screen appears.



4. The initial **Supervisor** Screen will now appear.



5. From this point on you must use [Function Keys](#) and [Function Codes](#) to navigate through **Supervisor** mode. See the topic, [Navigating Supervisor Mode](#) later in this chapter.



### Exiting Supervisor Mode (WP30)

To exit **Supervisor** mode in the WP30 Portion Control Scale, perform the following steps:

#### QUICK STEPS -

#### Exiting Supervisor Mode (WP30)

1. Short PRESS Display Test key
2. Short PRESS [→0←]
3. **Status Display** Screen appears
4. **Operator Display** Screen appears

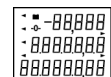
1. Short PRESS the Display Test key.



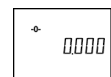
2. Short PRESS the Zero [→0←] key.



3. You will be returned to the **Status Display** Screen.



4. Then the **Operator Display** Screen will appear.



Entering Supervisor Mode (WC30)

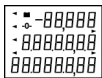
With the WC30 Price Computing Scale, you have the capability to limit the number of personnel who have access to *Supervisor* mode. There is an Access Code shown in the steps below. Keep this code secure and do not allow it to become public knowledge.

To access *Supervisor* mode for the WC30 Price Computing Scale, perform the following steps:

**QUICK STEPS -**  
**Entering Supervisor Mode (WC30)**

1. Short PRESS Display Test key
2. *Status Display* Screen appears
3. TYPE [6231]
4. Initial *Supervisor* Screen appears
5. Use Function Keys/Codes from here on

1. Short PRESS the Display Test key.
2. The *Status Display* Screen will appear.
3. TYPE the Access Code [6231] on the Keypad using a Short PRESS.
4. The initial *Supervisor* Screen will now appear.
5. From this point on you must use *Function Keys* and *Function Codes* to navigate through *Supervisor* mode. See the topic, *Navigating Supervisor Mode* later in this chapter.



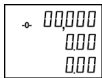
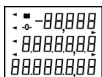
Exiting Supervisor Mode (WC30)

To exit *Supervisor* mode in the WC30 Price Computing Scale, perform the following steps:

**QUICK STEPS -**  
**Exiting Supervisor Mode (WC30)**

1. Short PRESS Display Test key
2. Short PRESS [C]
3. *Status Display* Screen appears
4. *Operator Display* Screen appears

1. Short PRESS the Display Test key.
2. Short PRESS the [C] key.
3. You will be returned to the *Status Display* Screen.
4. Then the *Operator Display* Screen appears.





## Navigating Supervisor Mode

In **Supervisor** mode, you navigate by using:

- ◆ [Function Keys](#)
- ◆ [Function Codes](#)

You may also want to review the [Examples of Navigating Supervisor Mode](#) at the end of this chapter.

To navigate **Supervisor** mode:

### QUICK STEPS -

#### Navigating Supervisor Mode

1. Enter per your scale's method
2. To get to a Function,  
Long PRESS [ ▶ ] or [ ◀ ]
3. To get to a Sub-Function,  
Short PRESS [ ▶ ] or [ ◀ ]
4. Function and Sub-Function display
5. Exit per your scale's method

1. Enter **Supervisor** mode according to your scale's instructions. See [Entering Supervisor Mode \(WP30\)](#) or [Entering Supervisor Mode \(WC30\)](#).

2. To get to a Function, Long PRESS the RIGHT ARROW [ ▶ ] or LEFT ARROW [ ◀ ] keys.



3. To get to a Sub-Function, Short PRESS the RIGHT ARROW [ ▶ ] or LEFT ARROW [ ◀ ] keys.



4. You will see the Function and Sub-Function on the **Supervisor Display** Screen. In this example, the 19 is the Function and the 00 is the Sub-Function. The 1 is the current Function Value.

19.00  
1

5. Exit **Supervisor** mode according to your scale's instructions. See [Exiting Supervisor Mode \(WP30\)](#) or [Exiting Supervisor Mode \(WC30\)](#).

## Function Keys

Function Keys enable you to get from one Function or Sub-Function to the next.

Use This Key	In This Way	To Perform This Action
NOTE: After changing a value, you <b>must</b> go to the next Function or Sub-Function so World Scale accepts the change.		
	Long PRESS Short PRESS	Go to the next Function. Go to the next Sub-Function.
	Long PRESS Short PRESS	Go to the previous Function. Go to the previous Sub-Function.
--OR--	Short PRESS Long PRESS	Select Function Value to be changed. Return to Function 00.
	Short PRESS Long PRESS	Increase the Function Value. Increase the Function Value times ten.
Numeric Keypad	Short PRESS	Change the Function Value. (WC30 only)

## Function Codes

Function Codes contain the actual values which determine how your World Scale operates. The following Function Codes are available in your World Scale as indicated.



## Look At This

To insure proper operation, use only recommended Function Values where indicated with an asterisk (\*).

Function Name	WC30	WP30	Function/ Sub-Function Code		Function Values	
FUNCTION CODE 19 - Beeper						
Switch Beeper Alarm ON/OFF (Below Zero)	Yes	Yes	19	00	0 = OFF    1 = ON	
Switch Keyboard Beeper ON/OFF	Yes	Yes	19	01	0 = OFF    1 = ON	
Target Beep	Yes	Yes	19	02	0 = OFF    1 = ON	
Error Beeper	Yes	Yes	19	03	0 = OFF    1 = ON	
Change Beeper Volume	Yes	Yes	19	04	0 = Quiet    1 = Loud	
FUNCTION CODE 20 - Power Saving						
Change Backlight Timeout	Yes	Yes	20	00	0 = Always OFF 1 = 5 Seconds 2 = 1 Minute	3 = 5 Minutes 4 = Always ON
BACKLIGHT TIMEOUT FEATURE CURRENTLY NOT AVAILABLE						
Change Sleep Timeout	Yes	Yes	20	01	0 = None 1 = 1 Minute 2 = 5 Minutes 3 = 30 Minutes	
FUNCTION CODE 29 - Key Press						
Change Duration of a Long PRESS  Enter the value in units of 10 milliseconds (50 – 255)	Yes	Yes	29	00	Examples: 100 = 1 Second 150 = 1½ Seconds 200 = 2 Seconds	
FUNCTION CODE 61 - Currencies						
Change Default Price Base (WC30 only)	Yes	No	61	00	0 = 100g 1 = lb (kg) (*)	
(*) Hobart recommends that you do not change this value.						
FUNCTION CODE 100 (plus the PLU number) - PLUs						
Unit Price	Yes	No	100 +	00	Values 0 - 9999999	
Tare Value	Yes	No	100 +	01	0 = No Static Tare 1 = Tare Value	
PLU price base	Yes	No	100 +	03	4 = (100 g) 5 = (lb) (*)	
(*) Hobart recommends that you do not change this value.						

## Examples of Navigating Supervisor Mode

The following examples will give you a better understanding of how to navigate in **Supervisor** mode. Use the *Function Keys* and *Function Codes* as shown on the previous page to better understand the examples.











The first example, *Turn the Keyboard Beeper Off*, is a good way to start. The second example, *Changing the Duration of a Long PRESS*, shows how to change a Function Value with multiple digits. This will benefit WP30 Users. The last example, *Programming a PLU*, is for WC30 Users.








### Look At This

The current Function Value must be cleared [C] before a new value can be entered, even if the current Function Value is zero!

#### Turn the Keyboard Beeper Off

1. Enter **Supervisor** mode according to your scale's instructions. See *Entering Supervisor Mode (WP30)* or *Entering Supervisor Mode (WC30)*. 
2. Long PRESS the RIGHT ARROW [ ► ] key until you get to Function Code 19.  
3. Short PRESS the RIGHT ARROW [ ► ] key one time for Sub-Function Code 01.  
4. Short PRESS the [C] key. This tells the World Scale that you are going to change the Function Value.  
5. Change the Function Value according to your scale's method:  
Use the keypad for WC30 or the ARROW keys for WP30.  
6. Long PRESS the RIGHT ARROW [ ► ] key to get World Scale to accept the change. 
7. Exit **Supervisor** mode according to your scale's instructions. See *Exiting Supervisor Mode (WP30)* or *Exiting Supervisor Mode (WC30)*.

## Changing the Duration of a Long PRESS

1. Enter **Supervisor** mode according to your scale's instructions. See [Entering Supervisor Mode \(WP30\)](#) or [Entering Supervisor Mode \(WC30\)](#). 
2. Long PRESS the RIGHT ARROW [ ► ] key until you get to Function Code 29.    
Long PRESS
3. Short PRESS the [C] key. This tells the World Scale that you are going to change the Function Value.    
Short PRESS






## Look At This

### WP30 Users

When you are changing the Function Value to a number greater than 9 (multiple positions), you must use the LEFT and RIGHT ARROW keys to get to the next numeric position to enter your number.

For example, you are trying to make the Long PRESS 1½ seconds. Per the [Function Codes](#) table, the Function Value you must enter is 150. Using the LEFT ARROW [ ◀ ] key, Short PRESS till you are in the hundreds position, then Short PRESS the UP ARROW [ ▲ ] to increment the value. Using the RIGHT ARROW [ ► ] key, Short PRESS once to the tens position, then use the UP ARROW [ ▲ ] to increment the value. Use the RIGHT ARROW [ ► ] once more to get to the ones position.

4. Change the Function Value according to your scale's method:  
Use the keypad for WC30 or the ARROW keys for WP30.    
Short PRESS      Short PRESS
5. Long PRESS the RIGHT ARROW [ ► ] key to get World Scale to accept the change.   
Long PRESS
6. Exit **Supervisor** mode according to your scale's instructions. See [Exiting Supervisor Mode \(WP30\)](#) or [Exiting Supervisor Mode \(WC30\)](#).









## Programming a PLU (WC30)

You may program a By Count PLU or a Random Weight PLU. Refer to the two examples, [Programming a By Count PLU \(WC30\)](#) and [Programming a Random Weight PLU \(WC30\)](#). When you are programming a PLU, you must navigate to Function Code 100 plus the PLU number. For the examples below, we will use PLU 5, which is Function Code 105. Refer to the [Function Codes](#) table for further information.










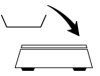
If you were programming PLUs 10 through 30, your Function Codes would be 110, 111, 112, etc. to 130.



Remember that once PLUs 1 through 7 are programmed in **Supervisor** mode, they can no longer be programmed as Speedkeys in **Operator** mode.



### Programming a By Count PLU (WC30)

1. Enter **Supervisor** mode according to WC30 instructions. See [Entering Supervisor Mode \(WC30\)](#). 
2. Long PRESS the RIGHT ARROW [ ► ] key until you get to the Function Code (Sub-Function zero = Unit Price) for the PLU you wish to program. In this example, we will use PLU 5.  
3. Short PRESS the [C] key. This tells the World Scale that you are going to change the Function Value.  
4. Change the Function Value of the Unit Price by using a Short PRESS on the keypad.  
5. Long PRESS the RIGHT ARROW [ ► ] key to get World Scale to accept the change. 
6. Exit **Supervisor** mode. See [Exiting Supervisor Mode \(WC30\)](#).

# **Programming a Random Weight PLU (WC30)**

1. Enter **Supervisor** mode according to WC30 instructions. See [Entering Supervisor Mode \(WC30\)](#).  

2. Long PRESS the RIGHT ARROW [ ► ] key until you get to the Function Code (Sub-Function zero = Unit Price) for the PLU you wish to program. In this example, we will use PLU 5.  
  
Long PRESS  

3. Short PRESS the [C] key. This tells the World Scale that you are going to change the Function Value.  
  
Short PRESS  

4. Change the Function Value of the Unit Price by using a Short PRESS on the keypad.  
  
Short PRESS
5. Short PRESS the RIGHT ARROW [ ► ] key one time for Sub-Function Code 01 (Tare). Pressing the ARROW key accepts your Unit Price change.  
  
Short PRESS  

6. Short PRESS the [C] key once to enter a Weighed Tare. Then place the empty container on the scale.  
  
Short PRESS  

- OR--**

Short PRESS the [C] key twice to use the Keyboard to enter a Tare. Then enter a Tare using a Short PRESS on the Keyboard.  
  
Short PRESS (x 2)  
  
Short PRESS


7. Long PRESS the RIGHT ARROW [ ► ] key to get World Scale to accept the change.  
  
Long PRESS
8. Exit **Supervisor** mode. See [Exiting Supervisor Mode \(WC30\)](#).

# Chapter Five: Maintaining Your World Scale

CLEANING & SANITIZING ..... 5-2

TROUBLESHOOTING ..... 5-3

    ERROR CODES ..... 5-3

    ERROR MESSAGES ..... 5-4

    POSSIBLE SYSTEM PROBLEMS ..... 5-4

Maintaining Your World Scale

The following topics are covered:

- Cleaning & Sanitizing
- Troubleshooting

Cleaning & Sanitizing

The World Scale has been designed and manufactured to resist scratches, stains, alkaline, protein and food acid when cared for properly. Improper care can permanently damage the electronics and printer.

Proper cleaning prolongs the life and productivity of your World Scale. The scale should be cleaned routinely during the day and thoroughly cleaned at the end of the day. Improper cleaning and sanitation will adversely affect performance of the equipment.

Harsh abrasives, chlorides, solvents, scouring cleaners and alkaline cleaning solutions should not be used, especially on the display windows. Under no circumstances should you attempt to wipe the inside of the machine.

The outside of the machine may be wiped down with a clean cloth moistened with water containing a small amount of soap or mild detergent.

Do	Don't
<p><u>DO</u> cover the complete system during cleanup and hosedown of surrounding areas.</p> <p><u>DO</u> use mild soap and water solution to clean the exterior of the World Scale, such as Palmolive Green or Ivory.</p> <p><u>DO</u> apply EPA-registered sanitizer according to label directions to disinfect surfaces.</p>	<p><u>DON'T</u> dampen electronic parts or connections.</p> <p><u>DON'T</u> use steam or a pressure (water) hose to clean the system.</p> <p><u>DON'T</u> allow water to enter the openings in the housing.</p> <p><u>DON'T</u> use a hose or pour water in any area.</p> <p><u>DON'T</u> operate and/or store the system in an environment with relative humidity levels consistently in excess of 70%.</p> <p><u>DON'T</u> use:</p> <ul style="list-style-type: none"><li>Chloride-based cleaners</li><li>Formula 409 (while it is a good cleaner for some applications, it can damage your World Scale)</li><li>Glass cleaners</li><li>Citrus-based cleaners</li><li>Caustic cleaners with high pH</li></ul> <p><u>DON'T</u> exceed EPA and registered recommended concentrations for detergent or sanitizer.</p>



## Troubleshooting

In the event that your World Scale does not operate as expected, perform the following steps:

1. Check your Error Code and take the action described in the table of [Error Codes](#) below. Also see [Error Messages](#).
2. If a persistent error message appears, or the scale locks up, disconnect, then reconnect, the scale to the power supply.
3. If the problem still exists, please check [Possible System Problems](#) later in this chapter.
4. If the scale still remains inoperative, contact your local Hobart Representative.

## Error Codes

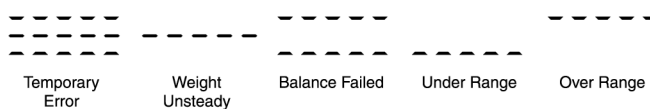
If you receive an error on your World Scale, check the code below and follow the suggested Action/Solution.

Error Code	Definition	Action/Solution
E 5		Disconnect, then reconnect the scale to the power supply.
E 10	Battery failure.	Replace batteries.
E 11	Power supply voltage is too high.	Make sure the correct power supply is being used.
E 15		Disconnect, then reconnect the power supply.
E 19		Contact your Hobart Service Representative.
E 20	Weight error.	Disconnect, then reconnect the power supply. If the error reappears, contact your Hobart Service Representative.
E 21		Contact your Hobart Service Representative.
E 30	<i>Supervisor</i> mode not exited correctly.	Re-enter <i>Supervisor</i> mode, make the required changes, go to the next Function/Sub-Function to accept the change, then exit again.
E 35		Contact your Hobart Service Representative.
E 36		Contact your Hobart Service Representative.
E 40		Contact your Hobart Service Representative.
E 41		Contact your Hobart Service Representative.
E 42		Contact your Hobart Service Representative.
E 100	Invalid PLU contents.	Try reprogramming the PLU.
E 101	Transaction failed.	Try your transaction again.
E 102	PLU failed.	The PLU was set up in <i>Supervisor</i> mode and cannot be changed.
E 103	Tare failed.	Try to reprogram the Tare.
E 110		Contact your Hobart Service Representative.
E 151		Contact your Hobart Service Representative.
E 152	User does not have access to this item (in <i>Supervisor</i> mode).	

### Error Messages

Your World Scale has a series of Error Messages which show up on your screen as symbols. If your Console displays one of the first three errors below, contact your local Hobart Service Office.

### Error Messages



### Possible System Problems

If the scale does not function as described, or the steps below do not resolve the problem, contact your local Hobart Service Office for recalibration, service or repair.

Problem	Possible Cause	Action/Solution
When I press the Display Test key, the system does not respond.	You may not have power to the system.	Verify that the batteries are functioning properly.
When I press [ZERO(→0←)], the system does not go back to zero.	There may be weight on the Weighing Platter. You may have a Tare entered.	Make sure nothing is touching the Weighing Platter.
No display at Power-Up.	Connection to the power supply may be loose or not functioning properly.	Check the batteries to be sure they are installed properly and/or are functioning properly.
Weight not displayed.		Be sure nothing touches the Weighing Platter. Make sure the Weighing Platter is on the scale properly.
Weighing inconsistency.		Make sure the scale is level and that nothing is touching the sides or bottom of the Weighing Platter.

# Glossary

## - A -

### Access Code

A code that allows you to access *Supervisor* mode in the World Scale (WC30).


## - B -

### By Count

An item that is priced by the number of items per package (i.e., 3 for \$1.00) rather than by weight.

## - D -

### Display Test Key

The key, , which allows you to communicate with your World Scale.

## - F -

### Fixed Weight Item

An item priced by a predetermined weight (i.e., bread is always 16 oz.).

### Function

A particular action in World Scale's program *Supervisor* mode, which is designed to accomplish one or more tasks, such as change the beeper volume.

### Function Code

A code that identifies a function in *Supervisor* mode of the World Scale.

### Function Key

A key that you press on the World Scale console which allows you to move from one function to another in *Supervisor* mode.

## - L -

### Level Indicator

A bubble inside a small window on the front of the World Scale which tells when the scale is level.

### Long PRESS

In World Scale, you have two different keystrokes for PRESS. Long PRESS means to press a key and hold it until you hear the second beep. See also *Short PRESS*.

## - O -

### **Operator Display Screen**

This screen is where you will see the results of the action you have performed with the scale. For example, if you have placed a product on the scale, the weight will be shown.

## - R -

### **Random Weight Item**

An item that needs to be weighed before it can be priced.

### **Retained Tare**

A Tare value entered into the World Scale's memory that is saved.

## - S -

### **Short PRESS**

In World Scale, you have two different keystrokes for PRESS. Short PRESS means to press a key and release it quickly. You will hear one beep. See also *Long PRESS* here in the *Glossary*.

### **Sleep Mode**

An energy-saving function of the World Scale which can be used when the scale is to be idle for an extended period of time.

### **Speedkey**

A key which is set up so that one press results in several actions.

### **Status Display Screen**

This screen is where you check to be sure the machine is working properly. It appears when you press the Display Test key.

### **Supervisor Mode**

A separate portion of the World Scale's program that allows manipulation of its operation. For example, when in *Supervisor* mode, you can change the Beeper Volume or the duration of a Long PRESS.

## - T -

### **Tare**

The weight of the packing material for which the customer does not pay.

## - U -

### **Unit Price**

The price per unit of measure.

## **- W -**

### **Weighing Platter**

The flat metal surface on top of the World Scale where an item is placed to be weighed.

## **- Z -**

### **Zero Weight**

The World Scale displays a weight of zero when nothing is on the scale.

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## World Scale

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